WHAT IS CLAIMED IS:

1. A reel member comprising:

a winding spool around which a given film can be wound, and

a plurality of flanges mounted on the winding spool,

wherein each of the flanges has a guide groove for passing the film between winding spools adjacent to each other.

2. The reel member of claim 1 wherein an engaging part capable of engaging with a film is formed in the guide groove.

3. The reel member of claim 1 wherein a retaining part capable of retaining a film is formed in the guide groove.

4. The reel member of claim 1 wherein the guide grooves are opposed to each other.

5. The reel member of claim 1 wherein the outer diameter of the flange is determined on the basis of the value of the stress generated in the film wound around the winding spool.

6. The reel member of claim 1 wherein the winding spools are axially connectable to each other.

7. A reel member comprising:

a winding spool around which a given film can be wound, and

a plurality of flanges mounted on the winding spool and having an engaging projection capable of engaging with the film on the outer periphery.

8. The reel member of claim 7 wherein the engaging projections are opposed to each other.

9. A reel member comprising:

a winding spool around which a given film can be wound, and

a flange mounted on the winding spool and having an engaging projection capable of engaging with the film on the outer periphery,

wherein the winding spools are axially connectable to each other.

10. A reel member comprising:

a winding spool around which a given film can be wound, and

a flange mounted on the winding spool and having a guide groove for passing the film,

wherein the winding spools are axially connectable to each other.

11. The reel member of claim 10 wherein an engaging part capable of engaging with the film is formed in the guide groove.

12. The reel member of claim 10 wherein a retaining part capable of retaining the film is formed in the guide groove.

13. A reel member assembly formed of a plurality of reel members connected to each other, each reel member comprising a winding spool around which a given film can be

wound and a flange mounted on the winding spool and having a guide groove for passing the film wherein the winding spools are axially connectable to each other.

14. A film package comprising a reel member assembly formed of a plurality of reel members connected to each other, each reel member comprising a winding spool around which a given film can be wound and a flange mounted on the winding spool and having a guide groove for passing the film wherein the winding spools are axially connectable to each other and wherein a continuous film is wound around the winding spool of the reel member assembly.

15. The film package of claim 14 wherein an empty winding spool is interposed between the winding spools around which the film is wound.

16. The film package of claim 14 wherein the film is an insulating adhesive film.

17. The film package of claim 14 wherein the film is an anisotropic conductive adhesive film.

18. A reel member comprising:

a plurality of winding spools coaxially arranged at predetermined intervals, and

a flange mounted at each end of each winding spool,

wherein a guide groove is cut away from each flange at a given center angle and the guide grooves are arranged with a phase shift of the center angle.

19. The reel member of claim 18 wherein a spacer spool for guiding the film is inserted between the winding spools.

20. The reel member of claim 18 wherein the opposed guide edges in the guide grooves adjacent to each other are chamfered at a given angle.

21. A film package comprising a reel member comprising:

a plurality of winding spools coaxially arranged at predetermined intervals, and

a flange mounted at each end of each winding spool and having a guide groove cut away from each flange at a given center angle and the guide grooves are arranged with a phase shift of the center angle,

wherein a continuous film is wound around the reel member.

22. The film package of claim 21 wherein the film is an insulating adhesive film.

23. The film package of claim 21 wherein the film is an anisotropic conductive adhesive film.

24. The film package of claim 21 wherein the film comprises an adhesive applied on a release film and the release film is exposed at a necessary part for passing the film from one to the other side of the flange.

25. A method for winding a continuous film drawn out from the feeding side onto a winding shaft at multiple stages, comprising the steps of:

winding a given part of the film onto a part of the winding shaft by rotating the winding shaft at a given speed, and then

winding the given part of the film onto another part of the winding shaft by stopping or slowing the rotation of the winding shaft and axially moving the winding shaft relative to the feeding side.

26. A method for winding a continuous film drawn out from the feeding side onto a winding shaft at each part of the winding shaft divided by flanges, comprising the steps of:

winding a given part of the film onto a part of the winding shaft by rotating the winding shaft at a given speed, and then

winding the given part of the film on another part of the winding shaft after passing the film over the flange by stopping or slowing the rotation of the winding shaft and axially moving the winding shaft relative to the feeding side.

27. A method for winding a continuous film using a reel member comprising a winding spool and a plurality of flanges mounted on the winding spool and having a guide groove for passing the film between winding spools adjacent to each other, comprising the step of winding the film on a winding spool and then the next winding spool with at least one empty winding spool being interposed.

28. A method for winding a continuous film using a reel member comprising a plurality of winding spools coaxially arranged at predetermined intervals, and a flange mounted at each end of each winding spool and having a guide groove cut away from each flange at a given center angle and arranged with a phase shift of the center angle, the method comprising the step of shifting the timing of axially moving the winding spools by the center angle of the guide groove.